Name _____



Probability Repair

Directions: Find the mistake in each solution. Write the correct answer or reasoning.

1. Mia rolls a standard number cube and wants an even number.
   Mia's work: P(even) = 6/3 = 2
   Correction:
   _____
   _____

2. Noah flips two coins.
   Noah's sample space: HH, HT, TT
   Total outcomes = 3
   Correction:
   _____
   _____

3. Ava has a bag with 2 red and 6 blue counters.
   Ava's work: P(red) = 8/2 = 4
   Correction:
   _____
   _____

4. Leo spins a spinner with 5 equal sections numbered 1 through 5.
   Leo says: "I spun a 5 three times in a row, so the next spin cannot be 5."
   Correction:
   _____
   _____

5. Sofia rolls a standard number cube.
   Sofia's work: P(number greater than 4) = 1/6
   Correction:
   _____
   _____

6. Ethan flips a fair coin 20 times and gets 14 heads.
   Ethan says: "The theoretical probability of heads is 14/20."
   Correction:
   _____
   _____

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